

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/542,855
Source: PG/10
Date Processed by STIC: 7/28/05

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PCT

RAW SEQUENCE LISTING

DATE: 07/28/2005

PATENT APPLICATION: US/10/542,855

TIME: 16:59:17

Input Set : A:\062331-5003-US Sequence Listing.txt

Output Set: N:\CRF4\07282005\J542855.raw

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3 <110> APPLICANT: Zhu, Zhen
4     Feng, Dejiang
5     Liu, Xiang
7 <120> TITLE OF INVENTION: A METHOD FOR BREEDING TRANSGENIC PLANT WITH HIGH
8     ANTIVIRAL PROPERTY AND THE APPLICATIONS OF THE METHOD
10 <130> FILE REFERENCE: 062331-5003-US
C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/542,855
C--> 12 <141> CURRENT FILING DATE: 2005-07-11
12 <150> PRIOR APPLICATION NUMBER: PCT/CN2004/000069
13 <151> PRIOR FILING DATE: 2004-01-19
15 <150> PRIOR APPLICATION NUMBER: CN 03100708.2
16 <151> PRIOR FILING DATE: 2003-01-21
18 <160> NUMBER OF SEQ ID NOS: 9
20 <170> SOFTWARE: PatentIn version 3.3
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 731
24 <212> TYPE: DNA
25 <213> ORGANISM: Potexvirus, Potato virus X
27 <400> SEQUENCE: 1
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32 ggggatttct ttagtacagc ccgtgccata gtagccagca atgctgtcgc aacaaatgag      180
34 gacctcagca agattgaggc tatttgaag gacatgaagg tgcccacaga cactatggca      240
36 caggctgctt gggacttagt cagacactgt gctgatgtag gatcatccgc tcaaacagaa      300
38 atgatagata cagggtcccta ttccaacggc atcagcagag ctgactggc agcagcaatt      360
40 aaagaggtgt gcacacttag gcaattttgc atgaagtatg ctccagtggg atggaactgg      420
42 atgttaacta acaacagtcc acctgctaac tggcaagcac aagggttcaa gcctgagcac      480
44 aaattcgctg cattcgactt cttcaatgga gtcaccaacc cagctgccat catgcccaaa      540
46 gaggggctca tccggccacc gtctgaagct gaaatgaatg ctgcccacaa tgctgccttt      600
48 gtgaagatta caaaggccag ggcacaatcc aacgactttg ccagcctaga tgcagctgtc      660
50 actcgaggte gtatcactgg aacaacaacc gctgaggctg ttgtcactct accaccacca      720
52 taaggtagcc c
55 <210> SEQ ID NO: 2
56 <211> LENGTH: 731
57 <212> TYPE: DNA
58 <213> ORGANISM: Artificial sequence
60 <220> FEATURE:
61 <223> OTHER INFORMATION: PVX coat protein gene with mutation
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66 accacaaaaa ctgcaggcgc gacgcggcg acagcgtcag gcctgttcac catcccggat      120
68 ggggatttct ttagtacagc ccgtgccata gtagccagca atgctgtcgc aacaaatgag      180
70 gacctcagca agattgaggc tatttgaag gacatgaagg tgcccacaga cactatggca      240

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72 caggctgctt gggacttagt cagacactgt gctgatgtag gatcatccgc tcaaacagaa 300
74 atgatagata caggtcctta ttccaacggc atcagcagag ctagactggc ggcggcgatt 360
76 aaagaggtgt gcacacttag gcaattttgc atgaagtatg ctccagtggg atggaactgg 420
78 atgttaacga acaactcgcc gccggcgaaac tggcaagcac aaggtttcaa gcctgagcac 480
80 aaattcgctg cattcgactt cttcaatgga gtcaccaacc cagctgccat catgccccaa 540
82 gaggggctca tccggccacc gtctgaagct gaaatgaatg ctgccccaaac tgctgccttt 600
84 gtgaagatta caaaggccag ggcacaatcc aacgactttg ccagcctaga tgcagctgtc 660
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88 taaggtaccc c 731
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94 <213> ORGANISM: Artificial sequence
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103 <210> SEQ ID NO: 4
104 <211> LENGTH: 27
105 <212> TYPE: DNA
106 <213> ORGANISM: Artificial sequence
108 <220> FEATURE:
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115 <210> SEQ ID NO: 5
116 <211> LENGTH: 32
117 <212> TYPE: DNA
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128 <211> LENGTH: 22
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130 <213> ORGANISM: Artificial sequence
132 <220> FEATURE:
133 <223> OTHER INFORMATION: Primer
135 <400> SEQUENCE: 6
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141 <212> TYPE: DNA
142 <213> ORGANISM: Artificial sequence
144 <220> FEATURE:
145 <223> OTHER INFORMATION: Primer
147 <400> SEQUENCE: 7
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156 <220> FEATURE:
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164 <211> LENGTH: 33
165 <212> TYPE: DNA
166 <213> ORGANISM: Artificial sequence
168 <220> FEATURE:
169 <223> OTHER INFORMATION: Primer
171 <400> SEQUENCE: 9
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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/542,855

DATE: 07/28/2005

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Input Set : A:\062331-5003-US Sequence Listing.txt

Output Set: N:\CRF4\07282005\J542855.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date